

SECTION 1753
CABINET BASE ADAPTER/EXTENDER

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1753-1 DESCRIPTION

Furnish and install cabinet base adapters and extenders with all necessary hardware for Type 170 cabinets.

1753-2 MATERIAL

Refer to Division 10.

Item	Section
Cabinet Base Adapter or Extender	1098-16

Furnish material, equipment and hardware under this section that is pre-approved on the ITS and Signals QPL.

1753-3 CONSTRUCTION METHODS

Install cabinet base adapter at locations requiring new Model 332 cabinet on existing/modified foundation.

Install cabinet base extender at locations requiring new Model 332 cabinet on new foundation or existing Model 332 cabinet that does not have cabinet base extender.

Where new Model 336 cabinet is used as base mount cabinet, install adapter or extender, as required.

Use permanent, flexible waterproof sealing material to:

(A) Seal between cabinet base and cabinet base adapter/extender,

(B) Seal 2-piece cabinet base adapter/extender seams, and

(C) Seal space between cabinet base adapter/extender and foundation.

1753-4 MEASUREMENT AND PAYMENT

Cabinet Base Adapters will be measured and paid as the actual number furnished, installed and accepted.

Cabinet Base Extenders will be measured and paid as the actual number furnished, installed and accepted.

Payment will be made under:

Pay Item	Pay Unit
Cabinet Base Adapter	Each
Cabinet Base Extender	Each

SECTION 1755
BEACON CONTROLLER ASSEMBLIES

1755-1 DESCRIPTION

Furnish and install beacon controller assemblies with cabinets. Furnish all pole mounting hardware, solid state flashers, one Corbin Number 2 cabinet key, surge protection, grounding systems and all necessary hardware.

Section 1757

1 **1755-2 MATERIAL**

2 Refer to Division 10.

Item	Section
Beacon Controller Assemblies	1098-17
Grounding Electrodes	1091-6
Wire	1091-2

3 Furnish material, equipment and hardware under this section that is pre-approved on the
4 ITS and Signals QPL.

5 **1755-3 CONSTRUCTION METHODS**

6 Remove existing beacon controller assemblies where required. Remove maintenance diary
7 from cabinet and place in new cabinet or deliver to the Engineer. Take existing equipment
8 out of service only at the time directed.

9 Locate new beacon controller assemblies so as not to obstruct sight distance of turning
10 vehicles.

11 Install new beacon controller assemblies. Provide external electrical service disconnect at
12 new and existing cabinet locations unless otherwise specified.

13 Stencil signal inventory number on cabinet side facing roadway. Use 3 inch black characters.
14 Provide serial number and cabinet model number for each new beacon controller assembly.

15 Install pole mounted cabinets so height to cabinet middle is 4 feet.

16 **1755-4 MEASUREMENT AND PAYMENT**

17 *Beacon Controller Assembly and Cabinet* (____) will be measured and paid as the actual
18 number furnished, installed and accepted.

19 No measurement will be made of surge protectors, external electrical service disconnect,
20 grounding systems and removing existing beacon controller assemblies as these are incidental
21 to furnishing and installing beacon controller assemblies.

22 Payment will be made under:

Pay Item	Pay Unit
Beacon Controller Assembly and Cabinet (____)	Each

23 **SECTION 1757**
24 **REMOVAL OF EXISTING TRAFFIC SIGNALS**

25 **1757-1 DESCRIPTION**

26 Remove existing traffic signal materials and associated signal hardware.

27 **1757-2 CONSTRUCTION METHODS**

28 **(A) General**

29 Remove existing traffic signals at the locations indicated in the contract. Maintain and
30 repair traffic signal equipment within the limits of the project until the traffic signal
31 equipment is disconnected and stockpiled.